

Figure 1. Overview of our method

EXHIBIT 2 - Page 29 of 32
UNSUPERVISED LEARNING OF OBJECT CATEGORIES FROM CLUTTITRED IMAGES
Pletro Perona et al. - 10/066,318
06618-776001

Assess statistics of the tourner image 72

Assess statistics of the tourner image

Haximize likelihood Jao of observed data

Update rules
For M, E, p(b), M

Sufficient statistics -240

Matter No.; 06618-776001 Page 2 of 5
Applicant(s): Pietro Perona et al.
UNSUPERVISED LEARNING OF OBJECT CATEGORIES
FROM CLUTTERED IMAGES

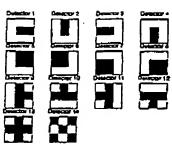
F162

EXHIBIT 2 -- Page 30 of 32

UNSUPERVISED LEARNING OF OBJECT CATEGORIES FROM GLIFFFIRED IMAGES
PICHTANG 16010-16050-18

066699F630f(s): Pictro Perona et al.

UNSUPERVISED LEARNING OF OBJECT CATEGORIES
FROM CLUTTERED IMAGES



F16.3

EXHIBIT 2 - Page 31 of 32
UNSUPERVISED LEARNING OF OBJECT CATEGORIES FROM CLUTTI RED IMAGES
Pietro Perona et al.
06618-776001 - Page 4 of 5
Applicant(s): Pietro Perona et al.
UNSUPERVISED LEARNING OF OBJECT CATEGORIES
FROM CLUTTERED IMAGES

Automatic
feature selection

Model
trainy

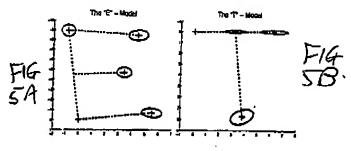
Assess joint 420
Probability
donsities

Assess 430
Assess 430

F164

EXHIBIT 2 — Page 32 of 32 UNSUPERVISED LEARNING OF OBJECT CATEGORIES FROM CLUTTERED IMAGES Pietro Perona et al. — 10/066,318 06618-776001

I WAIT, LIKE A
CHERTAH, FOR A
CHANCE TO ASK
HER FOR THE KEY
TO THE SUPPLY
CABINET.



Matter No.: 06618-776001 Page 5 of S Applicant(s): Pietro Perona et al. UNSUPERVISED LEARNING OF OBJECT CATEGORIES FROM CLUTTERED IMAGES